

# **NAAMES Afternoon WX Discussion**

Wednesday, November 11, 2015

# Day 1 - 3 Forecast Summary

## **Day 1 (Thursday) – Nov 12 at Station 1**

**Recommendation: Fly, discuss cloud conditions**

St. John's: Partly cloudy. Temps nearly steady in the low to mid 30s. Winds E at 15 to 25 mph.

Ship: (51° 00.7' N, 43° 38.1' W, ~12 UT)

Winds: NW 10-20 knots

Waves: NW 12-15 ft

Conditions: low clouds broken/scattered early, becoming overcast; mid clouds broken/scattered early, clearing out; high clouds broken early, then clear

## **Day 2 (Friday) – Nov 13 – transit between Station 1 and 2**

**Recommendation: Possible, if no flight on 12th, discuss cloud conditions**

St. John's: A mix of clouds and sun in the morning followed by cloudy skies during the afternoon. High 38F.

Winds ENE at 10 to 20 mph.

Ship: (52° 35.6' N, 41° 42.2' W, ~12 UT)

Winds: variable 8-15 knots

Waves: NNW 7-12 ft

Conditions: low clouds broken/scattered; mid clouds clear; high clouds mainly clear

## **Day 3 (Saturday) – Nov 14 at Station 2**

**Recommendation: Possible, low clouds issue**

St. John's: Windy with light rain likely. High 42F. Winds SE at 20 to 30 mph. Chance of rain 80%.

Ship: (54° 06.4' N, 40° 11.0' W, ~12 UT)

Winds: N to NW 10-15 knots

Waves: S 7-12 ft

Conditions: low clouds broken/scattered; mid clouds mainly clear; high clouds clear

# Day 4 - 6 Outlook

## Day 4 (Sunday) – Nov 15 at Station 2

### **Recommendation: Possible, low clouds issue**

St. John's: Cloudy with occasional rain showers. High 43F. Winds W at 10 to 20 mph. Chance of rain 60%.

Ship: (54° 06.4' N, 40° 11.0' W, ~12 UT)

Winds: NE 15-20 knots

Waves: S 7-9 ft

Conditions: low clouds broken, increasing through day; mid and high clouds clear

## Day 5 (Monday) – Nov 16 at Station 3

### **Recommendation: Possible**

St. John's: Windy with a few rain or snow showers developing later in the day. Temps nearly steady in the mid 30s. Winds NW at 20 to 30 mph. Chance of precip 50%.

Ship: (51° 00.7' N, 40° 11.0' W, ~12 UT)

Winds: ENE 20-25 knots

Waves: S 9-12 ft

Conditions: low clouds broken/scattered; mid clouds broken, decreasing through day; high clouds overcast

## Day 6 (Tuesday) – Nov 17 at Station 3

### **Recommendation: Possible**

St. John's: Snow showers early. Decreasing clouds through day. High 37F. Winds NW at 15 to 25 mph. Chance of snow 40%.

Ship: (51° 00.7' N, 40° 11.0' W, ~12 UT)

Winds: NE 20-25 knots

Waves: NNE 9-12 ft

Conditions: low and mid clouds broken/scattered; high clouds mainly clear, overcast south

**Forecast using  
WaveWatch III and  
ECMWF Clouds/  
Precip**

**Friday 11/13**

Waves: NNW 7-12 ft  
Winds: variable 8-15 kts  
Partly cloudy  
Temp: upper 30s

**Thursday 11/12 @ S1**

Waves: NW 12-15 ft  
Winds: NW 10-20 kts  
Partly to mostly cloudy  
Temp: upper 30s,  
WC ~30

**Saturday 11/14 @ S2**

Waves: S 7-12 ft  
Winds: N-NW 10-15 kts  
Partly cloudy  
Temp: mid 30s  
WC ~30

**Sunday 11/15 @ S2**

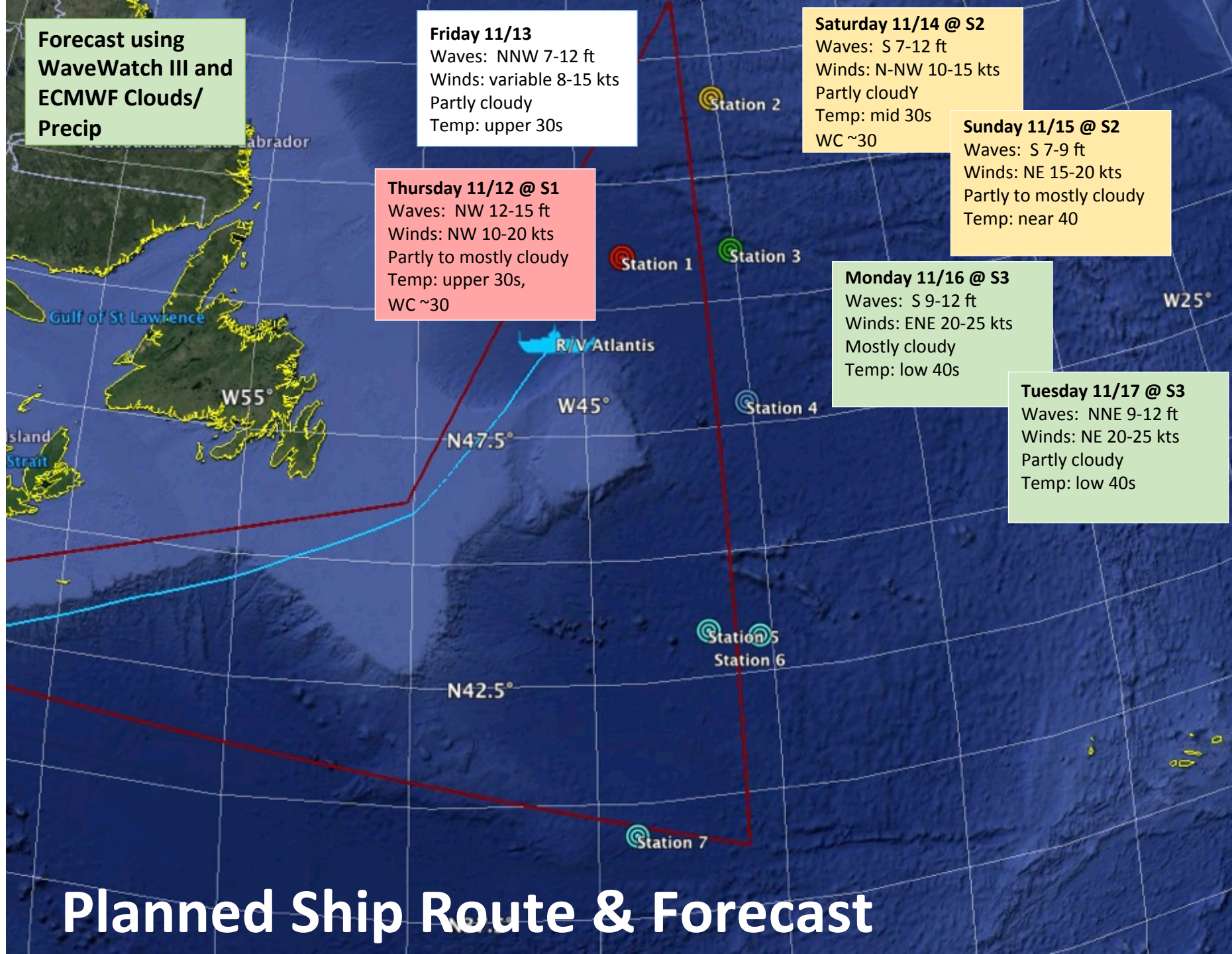
Waves: S 7-9 ft  
Winds: NE 15-20 kts  
Partly to mostly cloudy  
Temp: near 40

**Monday 11/16 @ S3**

Waves: S 9-12 ft  
Winds: ENE 20-25 kts  
Mostly cloudy  
Temp: low 40s

**Tuesday 11/17 @ S3**

Waves: NNE 9-12 ft  
Winds: NE 20-25 kts  
Partly cloudy  
Temp: low 40s



**Planned Ship Route & Forecast**

# MODIS Aqua Chlorophyll Composite (Nov. 8-10)

